

Applicant : Mark Weissenborn et al.
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In the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (previously presented) A bumper system comprising:
a bumper beam having a face and ends; and
an energy absorber mounted on the face, the energy absorber having a non-foam polymeric piece and at least one foam piece attached to the non-foam polymeric piece, with the non-foam polymeric piece being one-piece with box-shaped sections interconnected by strap sections, and with the at least one foam piece being one-piece and encapsulating the strap sections and engaging at least a side of the box-shaped sections.
2. (previously presented) The bumper system defined in claim 1, wherein the non-foam polymeric piece is molded to the at least one foam piece during a process of molding the foam piece.
3. (original) A bumper system comprising:
a bumper beam having a face surface; and
an energy absorber engaging the face surface, the energy absorber having an elongated non-foam polymeric component with at least three longitudinally-spaced enlarged sections connected by strap sections, and having foam sections positioned between the enlarged sections and covering the strap sections.
4. (original) The bumper system defined in claim 3, wherein the enlarged sections are each box-shaped and have a hollow interior space.
5. (original) The bumper system defined in claim 3, wherein the enlarged sections each include a front wall with marginal material forming an opening therein.

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6. (original) A bumper system comprising:
a bumper beam having a face surface; and
an energy absorber engaging the face surface, the energy absorber having an elongated non-foam injection-molded component with at least three longitudinally-spaced enlarged sections and a plurality of foam sections attached to the molded component between the enlarged sections;

wherein the enlarged sections are each box-shaped and have a hollow interior space, and further wherein the enlarged sections each include a front wall with marginal material forming an opening therein.

7. (original) The bumper system defined in claim 6, including a crush tower tube that extends from the marginal material rearwardly toward the bumper beam.

8. (currently amended) A bumper system comprising:
a bumper beam having a face surface; and
an energy absorber engaging the face surface, the energy absorber including at least one non-foam section and at least one foam section, the at least one non-foam section having a rear wall and a front wall, the rear wall of the non-foam section abutting the face surface of the bumper beam, the foam section covering at least a portion of the front side of the non-foam section- section;

wherein the face surface of the bumper beam abuts at least half of the non-foam section of the energy absorber along a length of the beam.

9. (previously presented) The bumper system of claim 8, wherein the foam section covers the entire front wall of the non-foam section.

10. (original) The bumper system of claim 8, wherein the foam section covers at least a portion of a top and bottom side of the non-foam section.

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11. (previously presented) A bumper system comprising:

a bumper beam having a face surface;

an energy absorber engaging the face surface, the energy absorber including at least one non-foam section and at least one foam section, the at least one non-foam section having a rear side and a front side, the rear side of the non-foam section abutting the face surface of the bumper beam, the foam section covering at least a portion of the front side of the non-foam section; and

wherein the foam section covers at least a portion of a top and bottom side of the bumper beam.

12-16. (canceled)